

ANIONIC FLUOROCHEMICAL SURFACTANT COMPARISON

The information presented in the following table can be found in Material Safety Data Sheets prepared by 3M (see enclosures) and 3M product literature.

3M FLUORAD Brand Fluorochemical Surfactants

Composition/ Property/ Characteristic:	<u>FC-95</u>	<u>FC-129</u>	<u>FC-143</u>
Surfactant	Potassium Perfluoroalkyl Sulfonates	Potassium Perfluoroalkyl Carboxylates	Ammonium Perfluoroalkyl Carboxylates
Surfactant Type	anionic	anionic	anionic
Product Form	powder	liquid ¹	powder
Solubility in water	slight	appreciable	appreciable
Solubility in polar organic solvents ²	appreciable	appreciable	appreciable
Toxicity (Oral) [LD50 (rat), mg/kg]	251	500-1250	540
Toxicity Classification	moderately toxic	slightly toxic	moderately toxic

¹ product contains approx. 32% water, 14% 2-butoxyethanol, and 4% ethanol

² methanol, ethanol, acetone, and/or glycol ethers